

**State of New Hampshire
Department of Transportation**

16163D.01

Project: DISTRICT 3 RESURFACING
NONE 16163D AND GILFORD
NONE 29666 AND SANBORNTON
NA 28635

County and Code: BELKNAP COUNTY 001, CARROLL 003, GRAFTON 009 &
MERRIMACK 013

Date Bids Open: March 11, 2015

Scope of Work: ROADWAY RESURFACING

Location: SEE THE PROSECUTION OF WORK

Completion Date: October 2, 2015

A PIKE INDUSTRIES, INC.

3 EASTGATE PARK RD BELMONT, NH 03220

\$4,870,040.50

B CONTINENTAL PAVING INC.

ONE CONTINENTAL DRIVE, LONDONDERRY, NH 03053

\$5,230,384.50

Item No:	Description	Unit	Quantity	A		B		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
203.1	COMMON EXCAVATION	CY	546.00	\$8.00	\$4,368.00	\$25.00	\$13,650.00		
206.1	COMMON STRUCTURE EXCAVATION	CY	10.00	\$200.00	\$2,000.00	\$100.00	\$1,000.00		
206.2	ROCK STRUCTURE EXCAVATION	CY	5.00	\$40.00	\$200.00	\$250.00	\$1,250.00		
214	FINE GRADING	U	1.00	\$7,500.00	\$7,500.00	\$5,000.00	\$5,000.00		
304.301	CRUSHED GRAVEL	CY	4,800.00	\$21.00	\$100,800.00	\$25.00	\$120,000.00		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	520.00	\$15.00	\$7,800.00	\$18.00	\$9,360.00		
304.35	CRUSHED GRAVEL FOR DRIVES	CY	550.00	\$35.00	\$19,250.00	\$25.00	\$13,750.00		
306.1121	RECLAIMED STABILIZED BASE PROCESSED IN PLACE, 12" DEEP	SY	6,850.00	\$0.90	\$6,165.00	\$1.25	\$8,562.50		
306.36	STONE FOR RECLAIMED STABILIZED BASE	TON	1,200.00	\$13.00	\$15,600.00	\$16.00	\$19,200.00		
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	4,730.00	\$64.00	\$302,720.00	\$72.00	\$340,560.00		
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	5,750.00	\$64.00	\$368,000.00	\$68.00	\$391,000.00		
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	380.00	\$68.00	\$25,840.00	\$85.00	\$32,300.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	307.00	\$105.00	\$32,235.00	\$110.00	\$33,770.00		
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	3,700.00	\$1.00	\$3,700.00	\$1.25	\$4,625.00		
403.6	PAVEMENT JOINT ADHESIVE	LF	40,800.00	\$0.22	\$8,976.00	\$0.23	\$9,384.00		
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	1,050.00	\$65.00	\$68,250.00	\$70.00	\$73,500.00		
411.3	PLANT MIX SURFACE TREATMENT (ASPAHLT CEMENT), PAVER SHIM	TON	34,600.00	\$65.00	\$2,249,000.00	\$68.00	\$2,352,800.00		

Item No:	Description	Unit	Quantity	Unit Price	A		B		Unit Price	Total
					Unit Price	Total	Unit Price	Total		
411.51	PAVER SPOT DRAG SHIM	TON	11,500.00	\$70.00	\$805,000.00		\$70.00	\$805,000.00		
417	COLD PLANING BITUMINOUS SURFACES	SY	32,900.00	\$1.50	\$49,350.00		\$1.75	\$57,575.00		
418.32	EMULSIFIED ASPHALT FOR COLD PAVEMENT	GAL	39,800.00	\$1.88	\$74,824.00		\$2.50	\$99,500.00		
418.41	PLANT MIXED RECYCLED ASPHALT PAVEMENT	TON	5,550.00	\$21.00	\$116,550.00		\$40.00	\$222,000.00		
503.101	WATER DIVERSION STRUCTURE	U	1.00	\$1,800.00	\$1,800.00		\$1,500.00	\$1,500.00		
503.102	WATER DIVERSION STRUCTURE	U	1.00	\$1,800.00	\$1,800.00		\$1,500.00	\$1,500.00		
520.1	CONCRETE CLASS A	CY	22.00	\$875.00	\$19,250.00		\$850.00	\$18,700.00		
544.1	REINFORCING STEEL (ROADWAY)	LB	240.00	\$1.90	\$456.00		\$2.00	\$480.00		
585.3	STONE FILL, CLASS C	CY	13.00	\$70.00	\$910.00		\$50.00	\$650.00		
603.0001	VIDEO INSPECTION	LF	770.00	\$0.95	\$731.50		\$2.00	\$1,540.00		
603.00312	12" R.C. PIPE, 3000D	LF	30.00	\$60.00	\$1,800.00		\$105.00	\$3,150.00		
603.00315	15" R.C. PIPE, 3000D	LF	260.00	\$80.00	\$20,800.00		\$112.00	\$29,120.00		
603.00318	18" R.C. PIPE, 3000D	LF	74.00	\$90.00	\$6,660.00		\$120.00	\$8,880.00		
603.00324	24" R.C. PIPE, 3000D	LF	60.00	\$140.00	\$8,400.00		\$125.00	\$7,500.00		
603.50012	12" PIPE FOR DRIVES & MINOR APPROACHES	LF	45.00	\$35.00	\$1,575.00		\$95.00	\$4,275.00		
603.82215	15" PE PIPE (TYPE S)	LF	130.00	\$74.00	\$9,620.00		\$100.00	\$13,000.00		
603.82218	18" PE PIPE (TYPE S)	LF	150.00	\$82.00	\$12,300.00		\$105.00	\$15,750.00		
603.82230	30" PE PIPE (TYPE S)	LF	60.00	\$160.00	\$9,600.00		\$115.00	\$6,900.00		
604.12	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	1.00	\$2,300.00	\$2,300.00		\$2,000.00	\$2,000.00		
604.242	DROP INLETS TYPE D-B	U	1.00	\$1,400.00	\$1,400.00		\$1,700.00	\$1,700.00		
605.506	6" PERF. CORR. POLYETHYL PIPE UND.	LF	265.00	\$22.00	\$5,830.00		\$40.00	\$10,600.00		
605.79	UNDERDRAIN FLUSHING BASINS	EA	1.00	\$400.00	\$400.00		\$400.00	\$400.00		
608.2401	4" CONCRETE SIDEWALK	SY	125.00	\$40.00	\$5,000.00		\$40.00	\$5,000.00		

Item No:	Description	Unit	Quantity	Unit Price	A		B		Unit Price	Total
					Unit Price	Total	Unit Price	Total		
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	28.00	\$350.00		\$9,800.00	\$350.00	\$9,800.00		
609.5	RESET GRANITE CURB	LF	20.00	\$15.00		\$300.00	\$50.00	\$1,000.00		
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	4.00	\$650.00		\$2,600.00	\$750.00	\$3,000.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	5,000.00	\$1.00		\$5,000.00	\$1.00	\$5,000.00		
618.7	FLAGGERS	HR	3,290.00	\$23.00		\$75,670.00	\$21.00	\$69,090.00		
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	6.00	\$300.00		\$1,800.00	\$250.00	\$1,500.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	100.00	\$1.00		\$100.00	\$2.00	\$200.00		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,564.00	\$5.00		\$17,820.00	\$5.00	\$17,820.00		
645.531	SILT FENCE	LF	14,256.00	\$2.50		\$35,640.00	\$3.00	\$42,768.00		
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$2,500.00		\$2,500.00	\$2,700.00	\$2,700.00		
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	64.00	\$85.00		\$5,440.00	\$85.00	\$5,440.00		
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	8,435.00	\$0.50		\$4,217.50	\$0.50	\$4,217.50		
647.1	HUMUS	CY	705.00	\$25.00		\$17,625.00	\$30.00	\$21,150.00		
692	MOBILIZATION	U	1.00	\$90,000.00		\$90,000.00	\$77,500.00	\$77,500.00		
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	8,500.00	\$1.00		\$8,500.00	\$1.00	\$8,500.00		
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	26,067.50	\$1.00		\$26,067.50	\$1.00	\$26,067.50		
1010.15	FUEL ADJUSTMENT	\$	67,200.00	\$1.00		\$67,200.00	\$1.00	\$67,200.00		
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	91,900.00	\$1.00		\$91,900.00	\$1.00	\$91,900.00		

Item No:	Description	Unit	Quantity	Unit Price	A		Unit Price	B		Unit Price	Total
					Total			Total			
1010.21	ASPHALT CEMENT ADJUSTMENT FOR EMULSION	\$	8,100.00	\$1.00	\$8,100.00		\$1.00	\$8,100.00			
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	21,000.00	\$1.00	\$21,000.00		\$1.00	\$21,000.00			
					\$4,870,040.50			\$5,230,384.50			

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
203.1	COMMON EXCAVATION	CY	546.00	\$8.00	\$4,368.00	\$15.00	\$8,190.00	(\$3,822.00)
206.1	COMMON STRUCTURE EXCAVATION	CY	10.00	\$200.00	\$2,000.00	\$85.00	\$850.00	\$1,150.00
206.2	ROCK STRUCTURE EXCAVATION	CY	5.00	\$40.00	\$200.00	\$85.00	\$425.00	(\$225.00)
214	FINE GRADING	U	1.00	\$7,500.00	\$7,500.00	\$15,000.00	\$15,000.00	(\$7,500.00)
304.301	CRUSHED GRAVEL	CY	4,800.00	\$21.00	\$100,800.00	\$25.00	\$120,000.00	(\$19,200.00)
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	520.00	\$15.00	\$7,800.00	\$26.00	\$13,520.00	(\$5,720.00)
304.35	CRUSHED GRAVEL FOR DRIVES	CY	550.00	\$35.00	\$19,250.00	\$26.00	\$14,300.00	\$4,950.00
306.1121	RECLAIMED STABILIZED BASE PROCESSED IN PLACE, 12" DEEP	SY	6,850.00	\$0.90	\$6,165.00	\$2.00	\$13,700.00	(\$7,535.00)
306.36	STONE FOR RECLAIMED STABILIZED BASE	TON	1,200.00	\$13.00	\$15,600.00	\$16.50	\$19,800.00	(\$4,200.00)
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	4,730.00	\$64.00	\$302,720.00	\$73.00	\$345,290.00	(\$42,570.00)
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	5,750.00	\$64.00	\$368,000.00	\$73.00	\$419,750.00	(\$51,750.00)
403.1109	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	380.00	\$68.00	\$25,840.00	\$85.00	\$32,300.00	(\$6,460.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	307.00	\$105.00	\$32,235.00	\$125.00	\$38,375.00	(\$6,140.00)
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	3,700.00	\$1.00	\$3,700.00	\$1.30	\$4,810.00	(\$1,110.00)
403.6	PAVEMENT JOINT ADHESIVE	LF	40,800.00	\$0.22	\$8,976.00	\$0.25	\$10,200.00	(\$1,224.00)
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	1,050.00	\$65.00	\$68,250.00	\$85.00	\$89,250.00	(\$21,000.00)
411.3	PLANT MIX SURFACE TREATMENT (ASPAHLT CEMENT), PAVER SHIM	TON	34,600.00	\$65.00	\$2,249,000.00	\$73.00	\$2,525,800.00	(\$276,800.00)

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
411.51	PAVER SPOT DRAG SHIM	TON	11,500.00	\$70.00	\$805,000.00	\$78.00	\$897,000.00	(\$92,000.00)
417	COLD PLANING BITUMINOUS SURFACES	SY	32,900.00	\$1.50	\$49,350.00	\$3.00	\$98,700.00	(\$49,350.00)
418.32	EMULSIFIED ASPHALT FOR COLD PAVEMENT	GAL	39,800.00	\$1.88	\$74,824.00	\$2.40	\$95,520.00	(\$20,696.00)
418.41	PLANT MIXED RECYCLED ASPHALT PAVEMENT	TON	5,550.00	\$21.00	\$116,550.00	\$34.00	\$188,700.00	(\$72,150.00)
503.101	WATER DIVERSION STRUCTURE	U	1.00	\$1,800.00	\$1,800.00	\$3,000.00	\$3,000.00	(\$1,200.00)
503.102	WATER DIVERSION STRUCTURE	U	1.00	\$1,800.00	\$1,800.00	\$3,000.00	\$3,000.00	(\$1,200.00)
520.1	CONCRETE CLASS A	CY	22.00	\$875.00	\$19,250.00	\$600.00	\$13,200.00	\$6,050.00
544.1	REINFORCING STEEL (ROADWAY)	LB	240.00	\$1.90	\$456.00	\$2.00	\$480.00	(\$24.00)
585.3	STONE FILL, CLASS C	CY	13.00	\$70.00	\$910.00	\$42.00	\$546.00	\$364.00
603.0001	VIDEO INSPECTION	LF	770.00	\$0.95	\$731.50	\$2.25	\$1,732.50	(\$1,001.00)
603.00312	12" R.C. PIPE, 3000D	LF	30.00	\$60.00	\$1,800.00	\$50.00	\$1,500.00	\$300.00
603.00315	15" R.C. PIPE, 3000D	LF	260.00	\$80.00	\$20,800.00	\$50.00	\$13,000.00	\$7,800.00
603.00318	18" R.C. PIPE, 3000D	LF	74.00	\$90.00	\$6,660.00	\$65.00	\$4,810.00	\$1,850.00
603.00324	24" R.C. PIPE, 3000D	LF	60.00	\$140.00	\$8,400.00	\$80.00	\$4,800.00	\$3,600.00
603.50012	12" PIPE FOR DRIVES & MINOR APPROACHES	LF	45.00	\$35.00	\$1,575.00	\$55.00	\$2,475.00	(\$900.00)
603.82215	15" PE PIPE (TYPE S)	LF	130.00	\$74.00	\$9,620.00	\$38.00	\$4,940.00	\$4,680.00
603.82218	18" PE PIPE (TYPE S)	LF	150.00	\$82.00	\$12,300.00	\$42.00	\$6,300.00	\$6,000.00
603.82230	30" PE PIPE (TYPE S)	LF	60.00	\$160.00	\$9,600.00	\$52.00	\$3,120.00	\$6,480.00
604.12	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	1.00	\$2,300.00	\$2,300.00	\$2,000.00	\$2,000.00	\$300.00
604.242	DROP INLETS TYPE D-B	U	1.00	\$1,400.00	\$1,400.00	\$1,750.00	\$1,750.00	(\$350.00)
605.506	6" PERF. CORR. POLYETHYL PIPE UND.	LF	265.00	\$22.00	\$5,830.00	\$20.00	\$5,300.00	\$530.00
605.79	UNDERDRAIN FLUSHING BASINS	EA	1.00	\$400.00	\$400.00	\$400.00	\$400.00	\$0.00
608.2401	4" CONCRETE SIDEWALK	SY	125.00	\$40.00	\$5,000.00	\$1.25	\$156.25	\$4,843.75

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	28.00	\$350.00	\$9,800.00	\$400.00	\$11,200.00	(\$1,400.00)
609.5	RESET GRANITE CURB	LF	20.00	\$15.00	\$300.00	\$16.50	\$330.00	(\$30.00)
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	4.00	\$650.00	\$2,600.00	\$650.00	\$2,600.00	\$0.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
618.7	FLAGGERS	HR	3,290.00	\$23.00	\$75,670.00	\$22.00	\$72,380.00	\$3,290.00
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	6.00	\$300.00	\$1,800.00	\$300.00	\$1,800.00	\$0.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	100.00	\$1.00	\$100.00	\$2.00	\$200.00	(\$100.00)
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,564.00	\$5.00	\$17,820.00	\$4.25	\$15,147.00	\$2,673.00
645.531	SILT FENCE	LF	14,256.00	\$2.50	\$35,640.00	\$2.50	\$35,640.00	\$0.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00	(\$2,500.00)
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	64.00	\$85.00	\$5,440.00	\$50.00	\$3,200.00	\$2,240.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	8,435.00	\$0.50	\$4,217.50	\$0.75	\$6,326.25	(\$2,108.75)
647.1	HUMUS	CY	705.00	\$25.00	\$17,625.00	\$24.00	\$16,920.00	\$705.00
692	MOBILIZATION	U	1.00	\$90,000.00	\$90,000.00	\$200,000.00	\$200,000.00	(\$110,000.00)
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	8,500.00	\$1.00	\$8,500.00	\$1.00	\$8,500.00	\$0.00
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	26,067.50	\$1.00	\$26,067.50	\$1.00	\$26,067.50	\$0.00
1010.15	FUEL ADJUSTMENT	\$	67,200.00	\$1.00	\$67,200.00	\$1.00	\$67,200.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	91,900.00	\$1.00	\$91,900.00	\$1.00	\$91,900.00	\$0.00

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
1010.21	ASPHALT CEMENT ADJUSTMENT FOR EMULSION	\$	8,100.00	\$1.00	\$8,100.00	\$1.00	\$8,100.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	21,000.00	\$1.00	\$21,000.00	\$1.00	\$21,000.00	\$0.00
				\$4,870,040.50		\$5,622,500.50		(\$752,460.00)